



# भारत का राजपत्र

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प्राधिकार से प्रकाशित

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NEW DELHI, SATURDAY, DECEMBER 27, 1969 (PAUSA 6, 1891)

इस भाग में भिन्न पृष्ठ संख्या वी जाती है जिससे कि यह प्रत्येक संकलन के क्षेत्र में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित प्रविसुद्धाएं और नोटिस

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

###### Patents and Designs

Calcutta, the 27th December, 1969

###### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

*The 6th December 1969*

124334. L. P. Sharma. Geels power producer.

124335. Smt. Sulabha Shankar Panday. Improvements in or relating to gas indicators.

124336. M. K. Dwarakanath. Double combustion engines.

124337. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. (23rd December 1968).

124338. Farbenfabriken Bayer Aktiengesellschaft. Preparation of sparingly soluble fluorides.

124339. Farbenfabriken Bayer Aktiengesellschaft. Preparation of granular cryolite.

124340. Societe Des Accumulateurs Fixes Et De Traction. Sealed cylindrical electrochemical cells and the manufacture thereof.

124341. Agripat S. A. Insecticidal and acaricidal compositions and process for producing the same. [Divisional date 24th April 1968].

*The 8th December 1969*

124342. Hindustan Lever Limited. Detergent compositions. (12th December 1968).

124343. Hindustan Lever Limited. Detergent composition.

124344. The Office Equipment Co., of India. Improvements in or relating to loose-leaf binders and the like, and furniture for such binders.

124345. Minni Trading Corporation. Multipurpose safety liquid transfer device.

124346. Danfoss A/S. A synchronous motor, particularly for powering an encased refrigerating machine.

124347. Danfoss A/S. Case for refrigerating machines and method for its manufacture.

124348. Societe Des Accumulateurs Fixes Et De Traction. Improvements to cylindrical dry primary cells. (7th November 1969).

124349. Du Pont Of Canada Limited. Conversion process and apparatus for textile fibres and discontinuous filaments produced therefrom.

124350. Haarmann & Reimer Gesellschaft Mit Beschränkter Haftung. Basic roast-aroma bouquets and processes for their production.

124351. Farbenfabriken Bayer Aktiengesellschaft. Granules for the application of agricultural chemicals.

124352. Eli Lilly and Company. Preparation of sulfur-containing cephalosporin antibiotics products thus obtained.

124353. Shyamsundar Ghose. Process for manufacture of a composite nozzle for steel plants and foundries and method of making the same.

124354. Manohar Industries. Irrigation outlet arrangement. [Addition to No. 119852].

124355. Ciba Limited. Process for the manufacture of amino compounds.

124356. Continental Can Company, Inc. Improvements in closures for bottles.

124357. Ethyl Corporation. Alkylation process.

124358. E. G. Rensch. Structure consisting of prefabricated parts.

124359. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Skin protecting agent.

124360. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Industrial process and apparatus for cultivating microorganisms.

124361. Ciba Limited. Process for the manufacture of new amines.

124362 Ciba Limited Peptides.

124363. Nippondenso Kabushiki Kaisha. Improvements in or relating to fuel injection pumps, pumps for diesel engines.

124364. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing semiconductor devices. (11th December 1968).

124365. K. S. Hattangadi and S. R. Ganguli. Manufacture of anti-mould amino acid polymer resin.

*The 9th December 1969*

124366. R. G. Bajaj. Improvements in or relating to taps, cocks and the likes.

124367. Council of Scientific and Industrial Research. Relating to a process for treating textile materials to impart high abrasion resistance, tear strength and retained breaking strength.

124368. Sumitomo Chemical Company, Ltd. Novel benzomophan derivatives and their salts.

124369. Optyno-Konstruktorskoe Bjuro. Photocopying system.

124370. The Western States Machine Company. Anti-crusting apparatus for continuous sugar centrifugal.

124371. P. K. Sanghvi, K. S. Sanghvi, S. R. Sanghvi, V. B. Sanghvi and M. B. Sanghvi. Aluminium base alloy.

124372. Albright & Wilson Limited. Improvements relating to chromic oxide. (11th December 1968).

124373. Universal Oil Products Company. An improved method and means for thermal incineration of a contaminated air stream.

124374. Inmont Limited. Improvements in or relating to hot wet embossing.

124375. Groove Associates Limited. Improvements relating to forming laminar seams in cloth. (10th December 1968).

124376. Ruhrchemie Aktiengesellschaft. Process of producing alcohols.

124377. Sphere Investments Limited. Position memory system. (31st December 1968).

124378. The English Electric Company Limited. Selector circuit for determining faults in polyphase transmission systems. (10th December 1968).

124379. The Upjohn Company. Antibiotic compositions and process of treatment.

124380. Micafil Ltd. Capacitors.

124381. Ciba Limited. Process for the manufacture of crystalline polyurethane plastic products based on diisocyanates and slightly branched polyesters.

*The 10th December 1969*

124382. Brenz Plasser Bahnbaumaschinen. A track tamping and levelling machine.

124383. Council of Scientific and Industrial Research. A new reducing agent, dialdehyde starch (das) for dyeing textile materials with vat dyes.

124384. National Research Development Corporation. Intrauterine contraceptive. (11th December 1968).

124385. Centre De Recherches De Pont-A-Mousson. Connecting device for pipes and applications thereof.

124386. Uss Engineers and Consultants, Inc. Flexible starter bar for continuous castings.

124387. J. R. Geigy A. G. Process for the production of a new crystal compound of phenylbutazone.

124388. Joseph Lucas (Industries) Limited. Electrical switches. (16th December 1968).

124389. Joseph Lucas (Industries) Limited. Liquid level indicator systems. (20th December 1968),

124390. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (20th December 1968).

124391. Pfizer Corporation. Therapeutic agents. (18th December 1968). [Addition to No. 114602].

124392. Sandoz Ltd. Improvements in or relating to organic compounds. (12th December 1968).

124393. La Citrique Belge N. V. Improved surfactants and surfactant compositions. (12th December 1968).

124394. The Metal Box Company Limited. Improvements in or relating to the seaming of can ends to can bodies. (17th July 1969).

124395. M-R-S Manufacturing Company, and L. R. Simons. Earth moving vehicle.

124396. Ciba Limited. Pyridinesulfonic acids, process for their manufacture and compositions containing them.

124397. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Aromatic ethers and process for the manufacture thereof.

124398. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Aromatic ethers and process for the manufacture thereof.

124399. Ciba Limited. Process for the manufacture of new amines.

*The 12th December 1969*

124400. S. Krishnakumar. Improved apparatus and method for testing the presence of, and making a quantitative estimate of (free/suspended water in the micron range) in aviation turbine fuels.

124401. B. K. R. R. Sharma. Direct-trunk control device.

124402. Imperial Chemical Industries Limited. Stirring apparatus. (8th January 1969).

124403. M & T Chemicals Inc. Novel apparatus.

124404. Uniroyal, Inc. Adhesion of textile fiber to rubber with polyhydric phenol-formaldehyde-tris (2-hydroxyalkyl) isocyanurate resin.

124405. M. Zdravkovic. Hollow comb.

124406. Asbestos Cement Ltd. Sheeting unit.

124407. Farbenfabriken Bayer Aktiengesellschaft. N-acyl derivatives of 5-amino-1, 3, 4-thiadiazoles and process for their manufacture.

124408. Farbenfabriken Bayer Aktiengesellschaft. 1, 3, 4-thiadiazolyl-(5)-ureas.

124409. Associated Lead Manufacturers Limited. Improvements in chlorine-containing polymer compositions. (16th December 1968).

124410. A. E. Staley Manufacturing Company. Molecularly dispersed dye images.

124411. The Wheelabrator Corporation. Apparatus for treating cylindrical work pieces.

124412. The Wheelabrator Corporation. Blast machine with automatic blast wheel positioner.

124413. R. B. Golobart. Device for inserting and tightening weft yarns in a loom.

124414. Pulling & Lifting Machines Private Limited. Load or tension measuring device.

124415. Siemens Aktiengesellschaft. Adaptive control of the amplification of a controller which controls a plant.

124416. K. A. Maringulov. Device for electrical connection of electric and electronic components and method of its manufacture.

124417. Fairchild Camera & Instrument Corporation. Schottky-barrier diode process and devices,

**Alteration of Date**

124028—Ante-dated to 28th February 1968 under Section 5 of the Act.

124138—Ante-dated to 5th March 1968 under Section 5 of the Act.

116560—The claim to priority date 5th July 1967 has been abandoned and the application dated as of 29th June 1968, the date of filing in India.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

113732. Chas Pfizer & Co., Inc. A process and apparatus for producing intimate mixtures of an incomplete miscible gas and a liquid of different densities. (12th July 1967). Accepted on 6th December 1969.

*Comprises introducing bubbles of said gas into said liquid in a mixing zone, separating a stream comprised largely of said liquid and introducing it into the mixing zone at such a rate as to substantially counter balance the buoyant force on the said bubbles.*

114174. 1. L. Mehta. Shaped or raised pulley and perforated belt. Accepted on 25th October 1969.

*A pulley having spaced apart along the middle on its upper round surface raised round parts to allow a belt having along its middle spaced apart slightly bigger round perforation remove within pulley.*

114767. E. I. du Pont de Nemours and Company. Improvements in concrete construction. Accepted on 28th November 1969.

*Comprising post-tensionable wire or wires tightly and uniformly coated by a plastic material and a lubricant at the interface between the coating and the wire or wires.*

114833. Associated Electrical Industries Limited. Improvements in or relating to an ultrasonic probe. (1st June 1967). Accepted on 5th December 1969.

*Comprising transmitter and receiver crystal transducer, axis, two planers ultrasonic transmitter reflected back to receiver.*

114846. E. W. Wartenberg. Process for producing prestressed glass. (27th December 1967). Accepted on 5th December 1969.

*The glass is heated to a temperature near to its softening point, and the hot glass is quenched in a chilling liquid, which is a mixture of a carrying liquid of high boiling point whose boiling range begins at 300°C, with upto about 4% by weight of a liquid whose boiling point is below 300°C and its heat of vaporisation is in the range 40 to 300 cal/gm.*

114936. R. Singh. A Timing switch. Accepted on 9th December 1969.

*Characterized by an operating lever rotating with the spindle and actuating a pivotally mounted contact lever, the said contact lever being spring loaded and adapted to close or break circuit in the initial position and vice versa in the set position.*

115169. Xerox Corporation. Electrophoretic imaging process and apparatus therefor. Accepted on 4th December 1969.

*Introducing a suspension of photosensitive particles between two electrodes, one of which is transparent, imposing an electric field across the suspension, exposing the suspension to image of electromagnetic radiation through transparent electrode separating the electrodes, eliminating undesired charge from the electrode and repeating the steps.*

115326. A. C. K. Krishnaswami and C. Hariprasad. A device for procuring the fermentation of tea leaves. Accepted on 6th December 1969.

*Comprising in combination a tower, maintaining a continuous draught of air, a plurality of rotatably mounted vanes having a sloping external periphery and a plurality of immovably mounted trays, means to rotate the vanes, trays provided with apertures.*

115609. V. J. Paranjpe. Sorting machine for letters, postcards and the like according to address. Accepted on 5th December 1969.

*Comprising a link belt around a pair of sprocket wheels spaced apart, trolleys mounted on the belt and guided by a guide a feeding means, means for pushing the letters one at a time, means to read the address on each letter, means to push the letter into a trolley, sorting units each comprising a magnetic metering system to operate a brush a receiving trays below each said brush.*

115610. Societe Anonyme Dba. Improvements in starter drive assemblies. Accepted on 12th December 1969.

*A non-rotatable intermediary ring is provided between helical spring and washer adjacent thereto to prevent torsion of said spring.*

115646. United Aircraft Corporation. A composite reinforced plastic pipe and method for making the same. Accepted on 9th December 1969.

*Characterised by applying on a mandrel having an outer surface configured to form the interior surface of at least one bell fitting, an uncured resin containing reinforcing material, moulding at least one spigot fitting of the same resin around the wall structure and curing the entire assembly.*

115775. American Cyanamid Company. A composition for accelerating the growth rate of poultry and farm animals. Accepted on 10th December 1969.

*A composition for accelerating the growth rate of poultry and farm animals comprising from about 15% to about 60% by weight of a known non-toxic ingestible diluent and from 40% to about 85% by weight of a compound selected from the group consisting of alkali metal formaldehyde sulfoxylates and alkali metal formaldehyde bisulfites.*

115859. Eaton Yale & Towne Inc. An internal combustion engine having a variable flow valve connected between the crankcase and the induction system. Accepted on 9th December 1969.

*Comprising a variable flow valve connected between the crankcase and the induction system, having a body member an inlet and outlet, a flow control passage, a movable flow control element and a blasting device.*

116205. The Dunlop Company Limited. Sheet material and a method for the manufacture of sheet material. (29th June 1967). Accepted on 3rd December 1969.

*Fibrous web impregnated with reaction product of polyfunctional polymer having terminal thiol groups and thermo-setting amino plast.*

116236. Siemens Aktiengesellschaft. A footstep bearing. Accepted on 5th December 1969.  
*Wherein one of said bushes having a dome shaped concave bearing surface formed therein of larger radius than the radius of said ball and the other bush having a concave bearing surface.*

116254. P. C. Luthar. Improved type of smoking appliance. Accepted on 6th December 1969.  
*Comprising a tobacco bowl with perforations, a goo trap, a water chamber in communication with the goo trap and a mouth piece in communication with said water chamber.*

116266. Tomos Tovarna Motornih Vozil. Gear change mechanism. Accepted on 6th December 1969.  
*Comprising gears juxtaposed on a hollow transmission shaft in which rotating transmission shaft is provided internally with guided shift rod having peripheral grooves, a unilateral peg, and a guided ring.*

116301. Dynamit Nobel Aktiengesellschaft. Process for stabilising alkali and/or alkaline earth metal hydrides. Accepted on 5th December 1969.  
*Comprises moistening the hydride in powder form with a mixture of a liquid saturated hydrocarbon or hydrocarbon mixture and a saturated hydrocarbon and thereafter removing the saturated hydrocarbon by evaporation or distillation so as to produce desired alkali or alkaline earth metal hydride.*

116345. Bimal Kumar Ghosh. Improvements in or relating to a jute or textile bobbin. Accepted on 8th December 1969.  
*Including a shank and flanges at the end thereof, said shank having at least at one end thereof a locating bush coaxially mounted on a flange holding socket.*

116352. (Mrs.) Beryl Alice Enid DePenning. An overhead annular covering in a dual cable system for polygonal, elliptical or circular plan buildings, such as sports grounds or the like. Accepted on 9th December 1969.  
*Characterised by a semi-rigid ring or member carried by the supporting structure, a central member or ring coaxial with the semi-rigid ring, a supporting cable system and a retaining or tensioning cable system stretched between the two members to form frusto conically extending surfaces on which surfaces are mounted surface covering elements.*

116459. Buss A. G. A device for attachment to mixing and kneading devices. Accepted on 9th December 1969.  
*Characterized in that there is provided a casing which adapted to be flanged co-axially onto the mixing and kneading device, said casing enclosing a rotatable shaft with adjustable radially arranged blades.*

116546. British Insulated Callender's Cables Limited. Method of and apparatus for stranding flexible materials. (30th June 1967). Accepted on 9th December 1969.  
*Feeding the group of wires into a uni-directionally rotating variable capacity accumulator, withdrawing the strand formed from the accumulator in the same direction as the group of wires was fed and varying the instantaneous relationship between the linear speed at which the group is entering and the linear speed at which the strand is bearing the accumulator.*

116560. Distington Engineering Company Limited. Improvements in or relating to ingot moulds. Accepted on 6th December 1969.  
*Wherein the metal wall includes at least one bore extending in the height direction of the mould at each corner.*

116831. Farbwerke Hoechst Aktiengesellschaft vormal Meister Lucius & Bruning. Thermoplastic moulding compositions. Accepted on 4th December 1969.  
*Consists of polyethylene terephthalate a copolymer of butadiene and acrylic acid butyl ester.*

117101. Allied Chemical Corporation. A process for melt spinning hollow filaments and spinnerettes for use therewith. Accepted on 8th December 1969.  
*By the use of a spinnerette comprising a plate containing at least one unobstructed orifice arrangement having at least one passage communicating with the balance of the spinnerette area, said passage measuring between 3 and 15 mils between closest orifice regions.*

117167. Albiswerk Zurich A. G. Improvements in or relating to cathode ray tube deflection circuit arrangements in pulse radar equipment. (13th May 1968). Accepted on 6th December 1969.  
*Having a controllable pulse generator connected to output amplifier to produce positive sawtooth current pulses in deflection coil, and a controllable current generator to produce a negative rectangular wave form pulse to the said coil, and a control device connected between said two generators.*

117250. Norton Company. Core cutting element. Accepted on 6th December 1969.  
*Comprising a cylinder having atleast a portion of the wall extending from one end perforated to form a cutting end with abrasive grits bonded to all surfaces of the perforate portion.*

117288. Tecalemit (Hind) Ltd. Fluid pump. (18th August 1967). Accepted on 4th December 1969.  
*Comprising a cylinder having in put and output ports a piston and a helical cam.*

117414. M&T Chemicals Inc. Process for the production of organotin compounds. Accepted on 5th December 1969.  
*Which comprises maintaining an aqueous reaction mixture containing R Sn X<sub>3</sub> and adding to it a catalyst system, thereby forming a precipitate containing R Sn (OH)<sub>n</sub> X.*

117466. N. V. Philips Gloeilampenfabrieken. Method of joining the moving parts of a transducer. Accepted on 12th December 1969.  
*Coil and strip like conductors, which have already been tinned, are first placed in a matrix, then a thermosetting synthetic resin is supplied into the matrix to form a diaphragm, whereafter the said elements are joined in one operation by pressure bonding.*

117477. FMC Corporation. Sealing device. Accepted on 8th December 1969.  
*Comprising means for forming a circumferential channel, and a seal ring having an annular surface to be in closely spaced relation to a corresponding annular surface.*

117481. Amsted Industries Incorporated. Railway Brake Safety Device. Accepted on 8th December 1969.  
*Comprising a brake lever, a brake rod, a safety device a member secured to the brake rod and having an opening and means for supporting the brake rod.*

117492. O. H. Clapp & Co. Inc. Improvements in or relating to tea harvesters. (26th February 1968). Accepted on 9th December 1969.  
*Comprising oscillating means adapted to move between stationary means, said oscillating and stationary means being further adapted to be adjustable to the height of the tea plants.*

117509. W. R. Stoessel. Improved perpetual calendar. Accepted on 9th December 1969.  
*Comprising Two tubular members one of which is rotatable about the other, the outer tubular member being provided with a plurality of perforations, two sets of numbers arranged in rows.*

117570. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polyvinyl alcohol. Accepted on 4th December 1969.

*By continuously applying a homogeneous mixture of a solution of polyvinyl acetate in methanol with a methanolic catalyst solution containing alkali methylate ions to an endless circulating belt conveyor which is coated with a polyolefin on the surface coming into contact with the reaction mixture.*

117825. N. V. Philips' Gloeilampenfabrieken. Insulated gate field effect transistors. (18th August 1967). Accepted on 8th December 1969.

*Comprising an insulated gate field effect transistor a semi-conductor body, two spaced low resistivity regions of the opposite conductivity type, source and drain electrode metal layer parts, ions of a conductivity type implanted through the insulating layer parts on the one surface not masked by the source drain and gate electrode metal layer parts and into the portions of the semiconductor body.*

117837. N. V. Philips Gloeilampenfabrieken. Method of manufacturing electronic devices in particular semiconductor devices and device obtained by said method. Accepted on 9th December 1969.

*Comprising an insulating plastics foil in which electrically active grains are embedded, on which side the foil is provided with an electrode.*

118013. Kawasaki Steel Corporation. Coating method and solution for enhancing punchability of steel sheet. Accepted on 6th December 1969.

*Applying a solution containing by weight ratio 100 parts of chromic acid, 16—20 parts of calcium and 8—20 parts of organic polyhydric alcohol on a surface of a steel sheet and then baking.*

118017. Council of Scientific and Industrial Research. A process for making substitutes for canada balsam. Accepted on 4th December 1969.

*Which comprises of the extraction of the crude resinous exudations of certain indigenous dicotyledonous forest trees by n-hexane solvent.*

118189. Council of Scientific and Industrial Research. A process for the production of carbon black from coal. Accepted on 4th December 1969.

*The coal crusted to 1/8" size is floated over a sulphuric acid solution, washed free of acid and finely ground—200 BS size and carbonised in a fluidised bed reactor, the product then sieved over 200BS and the material passing through is carbon black.*

118292. Dr. M. R. Chivate, and R. C. Dikshit. A new process for the separation of o-nitrochlorobenzene and p-nitrochlorobenzene by extractive crystallization. Accepted on 8th December 1969.

*Comprises adding p-dichlorobenzene to the binary eutectic mixture and subjecting it to crystallisation which yields a solid phase containing at least 60% by weight of P-nitrochlorobenzene.*

118387. Aktiebolaget Bofors. Welding electrode. Accepted on 8th December 1969.

*Formed of a steel alloy containing 11—14% chromium, 3—8% nickel, 0.005—0.03% carbon, 0.25—2.00% manganese, remained substantially iron and ordinary content of impurities.*

118453. Norsk Hydro-Elektrisk Kvaestofaktieselskab. Centrifuge for spraying liquid material to be prilled. (28th December 1967). Accepted on 8th December 1969.

*Comprising a perforated container and a displacement body in said container.*

118441. Teijin Limited. Apparatus for mixing fluids in conduits. Accepted on 6th December 1969.

*Inside a conduit an annular member and one tongue shaped blade which projects inwardly from*

*the inner wall and is inclined at an appropriate angle.*

118471. Kalle Aktiengesellschaft. Improvements in and relating to light-sensitive mixtures and recording materials produced therefrom. Accepted on 4th December 1969.

*The mixture contains at least two substances, at least one of which is an ethynyl quinol and the other substance or substances may be an ethylenically unsaturated photopolymerizable compound etc.*

118553. Amsted Industries Incorporated. A process for producing a chill core used in connection with the casting of molten metal and a chill core produced thereby. Accepted on 8th December 1969.

*A main core body formed from and plurality of chill sections and heat degradable material between adjacent sections which are oriented in such a way with respect to molten metal that the core is capable of collapsing in the direction of contraction of molten metal upon degradation of heat degradable material.*

118576. Adolph's Food Products Mfg. Co., Algin product and process of producing same. Accepted on 4th December 1969.

*Tumbling the comminuted algin and during tumbling introducing water and continuing said tumbling till the algin has taken the form of homogeneous granules.*

118633. Shell Internationale Research Maatschappij N. V. Process for the separation of mixtures of organic compounds by adduct formation. (21st November 1967). Accepted on 6th December 1969.

*Comprises introducing the mixture of organic compound and solid ammoniate of the adducting agent into a reaction zone in which the quotient of the operating pressure and the equilibrium pressure of the ammoniate lies between 0.2 and 1 and separating the adduct formed.*

118708. Polee Feb. An improved container for eyedrops or the like. Accepted on 6th December 1969.

*Axis of mouth or spout makes an angle of about 45° to the longitudinal axis of the container which has a shoulder of curved shape so as to taper down obliquely in radial section.*

118724. Sumitomo Chemical Co., Ltd. and Hokko Chemical Industry Co., Ltd. Improvements in or relating to the preparation of 3-(3, 5-dichlorophenyl) oxazolidine-2, 4-dione derivatives. Accepted on 6th December 1969.

*Which comprises reacting 3, 5-dichloro phenyl isocyanate with alkyl hydroxy alkanoate in presence of a tertiary organic amine.*

118840. Texaco Development Corporation. Improvements in or relating to desulfurization. Accepted on 6th December 1969.

*Comprising contacting it with catalyst consisting of a compound of Group VI metal and a compound of the iron group metal in presence of hydrogen.*

118853. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Gold hydroxyacetate and process for its preparation. Accepted on 9th December 1969.

*Comprises preparing a water containing solution containing gold ions and acetate ions, removing the solvent, dissolving the residue obtained in a polar solvent, precipitating the gold hydroxyacetate by adding a non polar solvent and isolating the gold hydroxyacetate.*

118854. Sandoz Ltd. Process for the production of polyesters. Accepted on 6th December 1969.

*Comprising the use of catalysts which are mixtures or alloys of (a) antimony (b) zinc, cadmium and/or manganese) and/or [alkaline earth metals], and/or alkaline metals.*

118855. Sandoz Ltd. Process for the production of polyesters. Accepted on 6th December 1969.  
*Using catalyst comprising mixtures or alloys of (a) Germanium tin, lead and/or titanium and (b) [zinc cadmium and/or manganese] and/or [alkaline earth metals] and/or [alkaline metals].*

118965. Philip Morris Incorporated. Food product and method for the manufacture of the same. Accepted on 6th December 1969.  
*Cohesive food sheets and like being made by mixing ground food parts with water and a catalytic amount of a specific enzyme system and subsequently treating the same by mechanical means.*

118988. FMC Corporation. A composition for forming a ceramic article or constituting a dry unfired ceramic article. Accepted on 6th December 1969.  
*Characterized in that the ceramic material has incorporated therein a minor amount of the composition of water insoluble organic compounds etc.*

119016. V. Parthasarathy. Improvement in oval tiffin carrier. Accepted on 9th December 1969.  
*Tiffin carrier with oval shaped compartment comprising two bright steel wires joined to a plate of oval shape the wires being bent at the top and form a handle each of the wires near the handle being provided with a rectangular plate with a suitable slit and a catch.*

119025. British Insulated Callender's Cables Limited. Improvements in or relating to metallurgically bonding aluminium to copper. (19th December 1967). Accepted on 6th December 1969.  
*Forming on a face of a copper body a number of individually isolated upstanding projections, depositing in the valleys silver or silver solder, enclosing the denticulate surface by a wall of heat resistant material, positioning the copper body with the surface substantially horizontal and directing an arc from a metal electrode to melt the silver or silver solder present in valleys and feed molten aluminium on to the walled in denticulate surface to form an aluminium layer.*

119113. Binder & Co., Method of and apparatus for screening pourable granular material. Accepted on 6th December 1969.  
*Vibrating the screen in a direction transverse to that of the force of gravity, and imparting accelerations to the particles of material such that they impinge on the screen.*

119119. Farbenfabriken Bayer Aktiengesellschaft. Production of novel N-trityl-imidazolium salts and fungicidal compositions containing same. Accepted on 6th December 1969.  
*Comprises reacting trityl-imidazole with an inorganic or organic acid.*

119140. Mrs. Shantha Santhanakrishnan. An improved device for fitting transparent or moulded article to structures. Accepted on 8th December 1969.  
*Characterized in that the device has mainly in combination (a) a glazing bar (b) a pair of cover clips and (c) one or more dovetail bolts.*

119494. F. L. Smith & Co., A/S. Rotary kilns with planetary coolers. (22nd January 1968). Accepted on 6th December 1969.  
*Lifters which produce curtains of falling material when the kiln is in use are provided in each cooler tube and the tube is thermally insulated to reduce loss of heating by radiation.*

119679. Fertilizer Corporation of India Limited. Process for the preparation of sodium polyphosphate and sodium sulphate from trisodium phosphate. Accepted on 5th December 1969.  
*Comprises (a) reacting aqueous solution of trisodium phosphate with ammoniacal solution of ammonium sulphate. (b) filtering the solid mass (c) washing the residual solid mass with aqueous solution of ammonia, (d) heating the solid and then quenching the hot fluid mass, (e) recovering solid sodium sulphate by evaporation and drying.*

119696. Venot-Pic, Societe Anonyme. Rotary heat exchanging apparatus. [Addition to No. 110107]. Accepted on 4th December 1969.  
*Heat-Exchanging apparatus having the bundle of juxtaposed enclosures composed of a central tube, a concentric series of intermediate tubes of diameter less than that of the central tube and a concentric series of peripheric tube of diameter equal to or greater than that of the central tube.*

119718. International Standard Electric Corporation. Alternating current operated track circuits without insulated rail joints, for railway safety installations. Accepted on 6th December 1969.  
*In which a transmitter and a short circuit device tuned to the frequency of the transmitter determining the spacial length of the track the magnitude of the current in the device determining the non-occupancy and occupancy condition of the tracks section and the number of axles of trains passing the section.*

120217. C. C. Chuang. Pencil with self-refilling cartridges. Accepted on 10th December 1969.  
*Having a suitable number of presharpened leads carried by cartridges contained in a tubular holder and which leads may be readily be replaced with fresh presharpened leads contained in said tubular holder.*

121066. Brown, Boveri & Company Limited. Apparatus for attenuating voltage surges. Accepted on 9th December 1969.  
*Comprising a resistance connected in parallel with a by-pass switch and with an overvoltage protector, the said apparatus being intended to be connected in series with a power switch.*

121258. D. F. Jones. Method of, and apparatus for, applying protective coatings to surfaces under water. Accepted on 6th December 1969.  
*Forcing paint through an applicator pad at the ambient pressure of the water at the depth at which the paint is applied and applying the paint by the smearing action of the pad.*

121436. B. A. Chandran. Improvements in or relating to flexible couplings. Accepted on 5th December 1969.  
*Driver and driven members having a hub adapted to engage with the driver and driven shafts, a plurality of channels on the periphery of said members and a flexible metallic member accommodated in said channels and at least one other groove provided on the periphery of the driven member.*

121791. Societe Fives Lille-Call. Centrifugal separator. Accepted on 8th December 1969.  
*The separator consists of a fixed lower part composed essentially of the lower part of the tank for receiving solid materials and of a suspended upper part resting on the lower part through resilient suspension members.*

121939. Westinghouse Electric Corporation. Flexible conductor loop supporting means. Accepted on 6th December 1969.  
*Comprising a transversely concavo-convex spring steel strip having rounded bend and two straight legs extending from opposite sides of said bend and conductor fasteners disposed on said strip.*

122515. Riv-Skf Officine Di Villar Perosa S.p.A. Protective support for ball-bearings. Accepted on 3rd December 1969.

*A protective support for ball bearings, which is effective support without requiring special support seats on the inner ring of the ball bearing.*

124028. E. I. du Pont de Nemours and Company. Improvements in concrete construction and particularly method of and apparatus for post-tensioning and anchoring the tendon. Accepted on 28th November 1969.

*Wherein the post tensioning and anchoring of the tendon comprises the steps of encasing the end of the tendon in a sheath, applying a tensioning force to the tension in the sheath, crimping the sheath and tendon therein in a series of reversals of increasing angularity away from the direction of the structure.*

124138. E. W. Wartenberg. Process for producing prestressed glass. (27th December 1967). [Divisional date 5th March 1968]. Accepted on 5th December 1969.

*Comprises, prior to immersion in the liquid environment, coating the surfaces of the glass with a layer of the substance producing nucleation points on the glass surface for the vaporisation of the liquid environment by nucleated boiling.*

#### Opposition Proceedings

An opposition has been entered by Belpahar Refractories Ltd., to the grant of a patent on application No. 113617, made by Orissa Cement Limited.

#### Patents Sealed

77271. 81672. 91170. 93509. 99684. 99722. 101321.  
 101379. 101683. 102465. 108472. 109097. 109237. 109650.  
 109815. 109823. 109844. 110176. 110407. 110669. 110685.  
 110704. 110872. 110876. 110910. 110956. 110962. 111038.  
 111211. 111217. 111449. 111460. 111554. 111592. 111630.  
 111933. 111934. 112037. 112043. 112044. 112141. 112168.  
 112180. 112186. 112265. 112307. 112346. 112363. 112369.  
 112375. 112505. 112518. 112525. 112548. 112573. 112604.  
 112621. 112736. 112851. 112870. 112925. 113026. 113161.  
 113419. 113431. 113434. 113537. 113593. 113655. 113770.  
 113776. 113781. 113818. 113822. 113832. 113946. 114064.  
 114065. 114066. 114089. 114211. 114224. 114442. 114524.  
 114623. 114629. 114638. 114701. 114765. 114790. 114863.  
 114877. 114887. 114940. 114985. 114986. 115035. 115049.  
 115260. 115403. 115489. 115507. 115533. 115614. 115686.

#### Amendment Proceedings

##### (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Roto-Finish Company, a corporation of the State of Michigan, United States of America, residing at 3700 East Milham Road, Kalamazoo, Michigan, United States of America, Developers and Manufacturers of finishing apparatus, seek leave to amend the description and claims in the specification of patent application No. 107503. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patents Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act 1911 that Mitsui Petrochemical Industries, Limited, of 12-1, 1-chome, Yurakucho, Chiyoda-ku, Tokyo, Japan, a Japanese Company, seek leave to amend

the description and claims in the specification of patent application No. 109118. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that E. I. Du Pont De Nemours & Co., a corporation organised and existing under the laws of the State of Delaware, U.S.A. located at Wilmington, Delaware, U.S.A. seek leave to amend the description and claims in the specification and drawings in respect of patent application No. 109413. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Ciba Limited, Chemical Manufacturers, a Swiss Corporation, of 141 Klybeckstrasse, Basle, Switzerland, seek leave to amend the description and claims in specification in respect of patent application No. 111883. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patents Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (5)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Halcon International, Inc., a corporation organised and existing under the laws of the State of Delaware, United States of America, having their office and principal place of business at 2 Park Avenue, New York, New York 10016, United States of America, seek leave to amend the description and claims in the specification of application for patent No. 112446. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (6)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that E. I. Du Pont De Nemours And Co., a corporation organised and existing under the laws of the State of Delaware, United States of America, located at Wilmington, Delaware, U.S.A. seek leave to amend the description and claims in specification in respect of the patent application No. 117007. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patents Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

**Renewal Fees Paid**

53342. 53486. 53579. 53599. 53645. 53776. 54237. 55482/  
 53483. 56339. 56713. 59272. 59285. 59291. 59397. 59419.  
 59476. 59517. 59538. 60087. 62512. 62674. 62696. 62828.  
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 104533. 104970. 107161. 107595. 107884. 108279. 108280.  
 108281. 108282. 108449. 108579. 108667. 108682. 108733.  
 108745. 108799. 108936. 109005.

**Cessation of Patents**

93821. 93825. 93826. 93827. 93833.

**Restoration Proceedings**

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 76340—Conjeevaram Gopalachari Varadarajan.

The patent ceased on the 22nd April 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 15th November, 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th February, 1970.

(2)

An order has been made on the 25th November, 1969, restoring the patent No. 71279, dated as of the 30th March, 1969, granted to Karl Keimpurg for "portal crane".

(3)

An order has been made on the 1st December, 1969, restoring the patent No. 90028, dated as of the 26th September, 1963, granted to Ramjibhai Rana Yadav for "ignition device incorporated in gas burner".

(4)

An order has been made on the 3rd December, 1969, restoring the patent No. 98430, dated as of the 15th March, 1965, granted to Electrical Machine Industries Private Limited for "improvements in or relating to arc welding transformer".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 135892, 135893, 135895 and 135896. Good-year Aerospace Corporation, a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at 1210, Massillon Road, Akron, Ohio, United States of America, "Container", June 6, 1969.

Class 1. Nos. 136416, 136417 and 136420. Geep Flash-light Industries Limited, 28, South Road, Allahabad-1, U.P. India, an Indian Company, "A torch", September 6, 1969.

Class 3. No. 135919. Gulshan Kumar, 2888, Sirkialan, Hauz Oazi, Delhi-6, (India) Indian, "Baby soother", June 13, 1969.

Class 3. No. 136091. Ravi Prakash, an Indian National whose business address is C/o General Plastics, 8, Tamarind Lane, Bombay-1, State of Maharashtra, India, "A bottle", July 1, 1969.

Class 3. Nos. 136187 and 136188. Hakson Plastic & Engineering Corporation, (an Indian Partnership Firm), 36, Sainath Industrial Estate No. 2, Vishweshwar Nagar, Off. Aarey Road, Goregaon (East), Bombay-63, (Maharashtra), "Bottle cap", July 18, 1969.

Class 3. No. 136300. Shrikant Jain, Chandmal Sirmal, Kanakrai Parekh and Chandrakant Jain, all Indian Nationals, trading as B. K. Plastic Industries, 33 Burtolla Street, Calcutta-7, State of West Bengal, India, "Bowl", August 7, 1969.

Class 3. No. 136563 to 136568. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", October 6, 1969.

Class 3. No. 136569. Lamba Rubber Industries, Phagwara Gate, Jullundur City, Punjab, an Indian Partnership concern, "Chappal straps", October 6, 1969.

Class 3. No. 136580. Vishwanath Sawalka, 90, Muktaram Babu Street, Calcutta-7, West Bengal, India, of Indian Nationality, "A container", October 8, 1969.

Class 4. No. 136161. Lee Siuhan Young, Indian subject being the sole proprietress of Sing Cheung Saice Factory also trading as Sing Cheung Co., P-12, C.I.T. Road, Scheme XLVII, Calcutta-12, West Bengal, India, "Bottle", July 16, 1969.

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Design Nos. 121152, 121260 Class—1.

Design Nos. 128338 and 128339 Class—3.

Design No. 121425 Class—4.

Design Nos. 121819, 121820 and 121821 Class—5..

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Design No. 99533 Class—3.

S. VEDARAMAN  
Controller General of Patents, Designs and Trade Marks